

integra r

compact, centralised ro water purification
and distribution unit



The Integra r is a compact RO water purification and distribution unit. Fully integrated, it incorporates reverse osmosis and ultra violet radiation technology, with storage and a distribution pump.

Additional features

- Range of make-up rates 60/120/190 l/hr
- Integral 50 litre purified water storage tank eliminates the need for external tanks
- Full colour LCD touch screen display for ease of operation
- Low energy recirculation pump to conserve energy during periods of low demand
- Cat5 compliant break tank to comply with water regulations
- Optional 0.2µm filter.

integra r

centralised water purification and distribution

integra r features

Our Integra r is ideal for laboratories requiring greater daily volumes of RO water with several points of use.

Other features of the Integra r include:

- Centralised system with storage
- Fits underbench
- Can supply several take-off points
- Leak detection system (optional)
- Intelligent stand-by feature
- Low running costs
- Low maintenance

technical specifications

Unit Specification	R60	R90	R120
Width (mm)		890	
Depth (mm)		500	
Height (mm)		840	
Max shipping weight (kg)	54	64	72
Max working weight (kg)	97	107	117

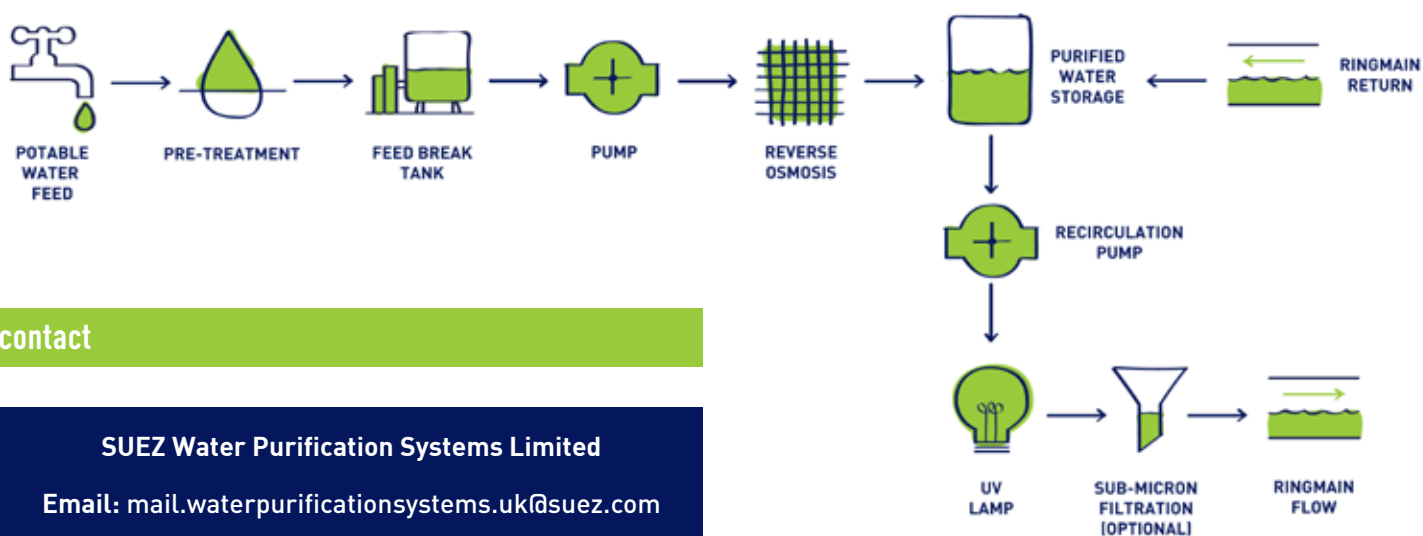
Installation requirements	R60	R90	R120
Power	Single Phase, 230V, +/- 10%, 50 Hz		
Feedwater	Potable	Potable	Softened
Maximum TDS (ppm)	1000		
Minimum inlet pressure - psi (bar)	30 (2.1)		
Maximum inlet pressure - psi (bar)	90 (6.2)		
Feedwater temperature	1-35°C		
Flowrate	-		
Free chlorine	Must be dechlorinated		

System Specification	
Pure water storage	50 litre
Display panel	LCD – Colour touch screen
Pre-treatment	5µm pre-filter
Reverse osmosis	Low energy membranes
Micro filtration	Optional 0.2µm
UV lamp	254nm
Purified water make-up flowrate @ 10°C	60/120/190 l/hr
Purified water distribution	Up to 270 l/hr and a max of 3 bar

Treated Water Specification	
Conductivity	< 30µs/cm
Bacteria	< 1cfu/ml*
Organics – TOC (ppb)	< 500
Particles	< 0.2µm*

* With optional 0.2µm bacterial filter

Integra R Process Flow



contact

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